Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No: First and Final Bill Date……..20

Division: **Project** Sub-Division: **Project Sub Division**

Bill Received No. Dated Divisional Cash Book Voucher No…….. Dated……

Sub Divisional **Work Code: 005-21-000025**

Schedule Docket No. Head of Account: Est.Cost-**500.00 Lakhs**

Name of Work: **Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappanagara Colony in Ward No.05**

Name of Contractor and Full Address: **Sri.K Dileep Kumar, No.38, 5th Cross, Suncity Layout, 7th Phase, J P Nagar, Bangalore-78**

Reference to Agreement No: **EE(Project)/Ynk Zone/WO/150/2020-21** Date: **30-11-2020**

Certified that the measurements were taken by me on 16/9/21 and recorded of Pages 42186 – 82 of measurement Book No. 14/19-20(4219) and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

~~Certified~~ that the measurement were taken by me on 16.9.2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Gross bills	4,92,16,856.00
2)	Deduct amount to be held in reserve being ……percent Rs……	Deduction IT	492169.00
3)	" Balance	CGM	492169.00
4)	Deduct Payment:	CBF	63217.00
	a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No…… Amount adjusted towards cash advance recovery of	CGST	439436.00
		SGST	439436.00
	b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Royalty	FA&C 0.00
5)	Balance being unpaid value of work done held in reserve.		
6)	Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	SD deduction	2630906.00
7)	Net amount due to or from Contractor unadjustments items.	Net payable	4,65,85,949.00
8)	Advance to Contractor for materials brought to site (as detailed) within.		
9)	Value of Government materials supplied.		
	Total amount adjusted -		

Contractor's Signature

Received Rs…….. (in words)……

……

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands) (For use in the Office)

Witness

1.

2.

Dated Signature of Contractor

Stamp

Audited & Admitted for Rs. Rs. 4,92,16,856/-

Paid by me by Cheque No……Dated……

Cash Rs. Rs. 4,65,85,949/- by Cheque

Dated…… and Rs. 26,30,906/- by Adjustment

Initials of Officer making payment

Accts. Supdt. 30/11/2021
Project Division
B.B.M.P.

Executive Engineer
Exe. Engineer
Project Division
B.B.M.P

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Improvements to Roads and Drains at Kattigenahalli Colony ,Chokkanahalli Colony , Thirumenahalli Colony , Jakkur Colony and Basavalingappa Nagara Colony in Ward No.05

ABSTRACT

Item no	Description of work	Unit	Qty as per Modified Schedule B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
1	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding whereverнecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all liftsas per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	0.00	463.73	0.00	0	463.7	0.00	0.00	463.73	0.00	0.00	0.00
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	0.00	692.90	0.00	0	692.9	0.00	0.00	692.90	0.00	0.00	0.00
3	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	4944.08	217.88	1077216.00	0	217.9	0.00	4944.08	217.88	1077216.00	4944.08	1077216.00

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4	Excavation by manual means for foundation of buildings, water supply & sanitary lines and electrical conduits etc., either in pits or in trenches 1.50m and above in width , soft rock/ Ordinary Rock without Blasting not exceeding 1.5 m. in depth, Including stacking the excavated stuff Clear from edges of excavation with lead upto 50m including cost of explosives, labour and HOM of equipment complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	0.00	1594.25	0.00	0	1594.3	0.00	0.00	1594.25	0.00	0.00	0.00
5	Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work	Sqm	0.00	116.81	0.00	0	116.8	0.00	0.00	116.81	0.00	0.00	0.00
6	Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	1100.76	5690.28	6263629.00	0	5690.3	0.00	1100.76	5690.28	6263629.00	1100.76	6263629.00

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	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs. With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum											9859328	9859328	9859328
7	Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification and as per the directions of the Engineer-in-charge of the work	Cum	1328.72	7420.17	9859319.00	0	7420.2	0.00	1328.72	7420.17	9859319.00	1328.72	9859319.00	
	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the										5973338		5973338	
8	adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work	tonne	87.51	68266.72	5974214.00	0	68266.7	0.00	87.50	68266.72	5973135.00	87.50	5973135.00	
	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including										7512976		7512976	
9	form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc and as per the directions of the Engineer-in-charge of the work	Sqm	3063.17	2452.68	7512964.00	0	2452.7	0.00	3063.17	2452.68	7512964.00	3063.17	7512964.00	

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10	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work, curing, including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc .and as per the directions of the Engineer-in-charge of the work	Sqm	82.06	5686.19	466609.00	0	5686.2	0.00	82.06	5686.19	466609.00	82.06	466609.00
11	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	0.00	6031.81	0.00	0	6031.8	0.00	0.00	6031.81	0.00	0.00	0.00
12	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge.	Nos	0.00	453.89	0.00	0	453.9	0.00	0.00	453.89	0.00	0.00	0.00

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13	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Sqm	0.00	89.00	0.00	0	89.0	0.00	0.00	89.00	0.00	0.00	0.00
14	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work.**Quantity upto 125%**	Sqm	3535.77	43.39	153418.00	0	43.4	0.00	3535.77	43.39	153418.00	3535.77	153418.00
15	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work **Quantity upto 125%**	Sqm	4064.25	6.67	27109.00	0	6.7	0.00	4064.25	6.67	27109.00	4064.25	27109.00
	Quantity above 125%	Sqm	2146.52	6.67	14318.00	0	6.7	0.00	2146.52	6.67	14328.00	2146.52	14328.00

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16	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	401.25	2093.67	840086.00	0	2093.7	0.00	401.25	2093.67	840086.00	401.25	840086.00
17	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications **and as per the directions of the Engineer-in-charge of the work Quantity upto 125%**	Cum	700.18	2100.34	1470606.00	0	2100.3	0.00	700.18	2100.34	1470606.00	700.18	1470606.00
	Quantity above 125%	Cum	903.92	2100.34	1898539.00	0	2100.3	0.00	903.92	2100.34	1898539.00	903.92	1898539.00

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18	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications. and as per the directions of the Engineer-in-charge of the work Quantity upto 125%	Sqm	3044.25	23.36	71114.00	0	23.4	0.00	3044.25	23.36	71114.00	3044.25	71114.00
	Quantity above 125%	Sqm	1228.84	23.36	28709.00	0	23.4	0.00	1228.84	23.36	28709.00	1228.84	28709.00
19	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and as per the directions of the Engineer-in-charge of the work **Quantity upto 125%**	Sqm	3044.25	31.15	94829.00	0	31.2	0.00	3044.25	31.15	94829.00	3044.25	94829.00
	Quantity above 125%	Sqm	2165.09	35.60	77076.00	0	35.6	0.00	2165.09	35.60	77076.00	2165.09	77076.00
20	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work **Quantity upto 125%**	Cum	152.21	6724.88	1023611.00	0	6724.9	0.00	152.21	6724.88	1023611.00	152.21	1023611.00
	Quantity above 125%	Cum	108.25	7653.79	828559.00	0	7653.8	0.00	108.25	7653.79	828559.00	108.25	828559.00

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21	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work **Quantity upto 125%**	Sqm	3044.25	5.56	16927.00	0	5.6	0.00	3044.25	5.56	16926.0 16927.00	3044.25	16926.0 16927.00
	Quantity above 125%	Sqm	4970.97	5.56	27651.00	0	5.6	0.00	4970.97	5.56	27639.0 27651.00	4970.97	27639.0 27651.00
22	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work**Quantity upto 125%**	Sqm	3044.25	13.35	40641.00	0	13.4	0.00	3044.25	13.35	40641.00	3044.25	40641.00
	Quantity above 125%	Sqm	7448.42	13.35	99434.00	0	13.3	0.00	7448.42	13.35	99436.0 99434.00	7448.42	99436.0 99434.00
23	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work . **Quantity upto 125%**	Cum	121.78	7910.77	963335.00	0	7910.8	0.00	121.78	7910.77	963374.0 963335.00	121.78	963374.0 963335.00
	Quantity above 125%	Cum	297.93	8967.62	2671741.00	0	8967.6	0.00	297.93	8967.62	2671723.0 2671741.00	297.93	2671723.0 2671741.00

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24	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and as per the directions of the Engineer-in-charge of the work .Quantity upto 125%	Sqm	92.81	477.25	44295.00	0	477.3	0.00	92.81	477.25	44295.00	92.81	44295.00
	Quantity above 125%	Sqm	217.43	477.25	103768.00	0	477.2	0.00	217.43	477.25	103768.00	217.43	103768.00
25	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	69.00	1000.11	69006.00	0	1000.1	0.00	69.00	1000.11	69006.00	69.00	69006.00

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26	Cement concrete pavement. Construction of un-reinforced plain cement concrete for pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished	Cum	378.08	5468.90	2067702.00	0	5468.9	0.00	378.08	5468.90	2067702.00	378.08	2067702.00
E1	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	1245.62	126.93	158102.00	0	126.9	0.00	1245.62	126.93	158102.00	1245.62	158102.00
	Total Amount	-	-	-	**43944527.00**	-	-	-	-	-	**43943458.00**	-	**43943458.00**
	12% GST	-	-	-	**5273343.00**	-	-	-	-	-	**5273215.00**	-	**5273215.00**
	Total Grand Amount	-	-	-	**49217870.00**	-	-	-	-	-	**49216673.00**	-	**49216673.00**

Certificate

1.The Work executed by the contractor is found satisfactory

2. The contractor has removed the debris from the work spot

3. There are no departmental issues for this work

Contractor

16/9/24

Assistant Engineer

Assistant Executive Engineer

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